

## EAST Search History

| Ref # | Hits    | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|--|------------------|---------|---------------------|
| S1    | 1064    | (257/E27.092).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/28<br>08:59 |
| S3    | 232     | (257/516).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/05<br>08:51 |
| S5    | 177     | (interconnect or via or through) with (dielectric or insulator) and S1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/05<br>16:04 |
| S6    | 1517    | (257/301).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/08/28<br>09:27 |
| S7    | 352     | (257/68).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/28<br>14:02 |
| S8    | 1064    | (257/E27.092).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29<br>07:59 |
| S9    | 686     | (interconnect or via or through) and S8                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/08/29<br>07:59 |
| S10   | 3562351 | (vertical interconnect) with through hole                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29<br>14:44 |
| S11   | 1066689 | (vertical interconnect) with through hole and (substrate)              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/29<br>14:44 |

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| S12 | 816734  | (vertical interconnect) with through hole and (trench capacitor) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/06<br>08:13 |
| S13 | 16      | ((FREDDY) near2 (ROOZEBOOM)).INV.                                | US-PGPUB;<br>USPAT   | OR | ON  | 2007/08/29<br>14:50 |
| S14 | 0       | ("3300035.7 ").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29<br>14:51 |
| S15 | 1       | ("ADRIANUS ALPHONSUS") near2 (BUIJSMAN)).INV.                    | USPAT  | OR | ON  | 2007/08/29<br>14:51 |
| S16 | 22      | ((PATRICE) near2 (GAMAND)).INV.                                  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/08/29<br>14:52 |
| S17 | 5       | ((ANTONI US) near2 (KEMMEREN)).INV.                              | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/08/29<br>14:52 |
| S18 | 0       | ("2006/0131691").URPN.   | USPAT  | OR | ON  | 2007/08/29<br>14:54 |
| S19 | 920060  | trench capacitors  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>15:39 |
| S20 | 3422818 | vertical interconnect  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>15:39 |
| S21 | 178012  | S19 and S20  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>15:40 |
| S22 | 67623   | (via or through hole) with (dielectric layer) and S21            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>15:41 |
| S23 | 4       | ("4017885").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/31<br>07:55 |
| S24 | 41      | ("4017885").URPN.  | USPAT  | OR | ON  | 2007/08/30<br>09:09 |
| S25 | 2       | ("6829133").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/30<br>09:09 |

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| S26 | 6        | ("5614765"   "5741721"   "5880018"   "6124626"   "6278153"   "6538300").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/08/30<br>09:10 |
| S27 | 4        | ("4246502"   "4751562"   "4937660"   "5414284").PN.                         | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/08/30<br>09:16 |
| S28 | 14       | ("4751562").URPN.   | USPAT  | OR | ON  | 2007/08/30<br>09:17 |
| S29 | 33       | "5389559"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/30<br>09:27 |
| S30 | 2        | ("5389559").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/30<br>09:28 |
| S31 | 29       | ("5389559").URPN.   | USPAT  | OR | ON  | 2007/08/30<br>09:41 |
| S32 | 0        | (2004/0250392).OCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/30<br>09:41 |
| S33 | 2        | ("0250392").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/30<br>11:39 |
| S34 | 14221813 | method for forming trench capacitors  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/30<br>11:39 |
| S35 | 920493   | trench capacitors   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/30<br>11:42 |
| S36 | 20       | ("5895255").URPN.   | USPAT  | OR | ON  | 2007/08/30<br>11:50 |

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|-----|----------|---|--|----|-----|---------------------|
| S37 | 25       | ("4365347"   "4390393"  <br>"4546538"   "4593459"  <br>"4741802"   "4778563"  <br>"4795721"   "4886764"  <br>"4889828"   "5001085"  <br>"5013680"   "5041394"  <br>"5047367"   "5143862"  <br>"5194405"   "5215602"  <br>"5221853"   "5256597"  <br>"5270256"   "5288666"  <br>"5302552"   "5360758"  <br>"5369049"   "5389559"  <br>"5426067").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/08/30<br>11:52 |
| S38 | 22       | ("4593459").URPN.   | USPAT  | OR | ON  | 2007/08/30<br>13:19 |
| S39 | 4        | ("3462650").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/30<br>16:35 |
| S40 | 2        | ("6559499").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/30<br>16:35 |
| S41 | 18       | ("3462650").URPN.   | USPAT  | OR | ON  | 2007/08/30<br>16:38 |
| S42 | 10       | ("1154481").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/31<br>08:28 |
| S43 | 11072    | interposer  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>08:33 |
| S44 | 10713790 | interposer and<br>semiconductor device  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/31<br>08:30 |
| S45 | 4229     | 257/738   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/31<br>10:51 |
| S46 | 2207     | 257/738.CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/31<br>11:32 |

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| S47 | 2282 | 257/532.CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/31<br>11:33 |
| S48 | 14   | ("4868613").URPN.   | USPAT  | OR | ON  | 2007/08/31<br>14:09 |
| S49 | 3    | ("5757714"   "5861648"  <br>"6583492").PN.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/08/31<br>14:10 |
| S50 | 53   | ("5627092").URPN.   | USPAT  | OR | ON  | 2007/08/31<br>14:18 |
| S51 | 2    | ("6559499").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>09:03 |
| S52 | 3    | ("3462659").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>08:34 |
| S53 | 4    | ("3462650").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>08:35 |
| S54 | 244  | (257/254).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>08:36 |
| S55 | 18   | ("3462650").URPN.   | USPAT  | OR | ON  | 2007/09/04<br>08:56 |
| S56 | 9    | ("5315141"   "5323037"  <br>"5479316"   "5686339"  <br>"5753558"   "5792687"  <br>"5926359"   "6174770"  <br>"6376874").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>09:01 |
| S57 | 378  | (257/311).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>09:03 |
| S58 | 1    | ("6278149").URPN.   | USPAT  | OR | ON  | 2007/09/04<br>09:34 |
| S59 | 8    | ("5313089"   "5329486"  <br>"5436477"   "5439840"  <br>"5495117"   "5506166"  <br>"5567636"   "5959319").<br>PN.            | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>09:59 |
| S60 | 2155 | (257/738).CCLS.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>14:18 |

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| S61 | 2    | ("6268796").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>14:18 |
| S62 | 41   | ("4857893"   "5528222"  <br>"5682143"   "5710458"  <br>"5841350"   "6018299").<br>PN. OR ("6268796").URPN.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>14:39 |
| S63 | 2    | ("6791133").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>14:39 |
| S64 | 14   | ("20020170748"  <br>"4322778"   "4349862"  <br>"5479316"   "5854534"  <br>"5874770"   "6046489"  <br>"6102710"   "6165814"  <br>"6388207"   "6407929").<br>PN. OR ("6791133").URPN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>14:42 |
| S65 | 3825 | (257/758).CCLS.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>15:30 |
| S66 | 2    | ("4868613").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>15:30 |
| S67 | 19   | ("4494016"   "4507845"  <br>"4593301"   "4593457"  <br>"4601096").PN. OR<br>("4868613").URPN.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>15:34 |
| S68 | 2    | ("4751562").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>15:35 |
| S69 | 18   | ("3969745"   "3986196"  <br>"4183041"   "4456888").<br>PN. OR ("4751562").URPN.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>15:38 |
| S70 | 43   | ("3604989"   "3648131").<br>PN. OR ("3969745").URPN.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/04<br>15:42 |
| S71 | 2    | ("6278149").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>16:30 |
| S72 | 2    | ("6297526").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>16:32 |

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| S73 | 0      | (2001/005046).CCLS. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>16:32 |
| S74 | 2      | ("0005046").PN.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>16:32 |
| S75 | 0      | ("05046A1").PN.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>16:33 |
| S76 | 1      | 2001/0005046        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>16:36 |
| S77 | 2      | 2003/0219956        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>16:38 |
| S78 | 285171 | toru mori           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>16:39 |
| S79 | 0      | 2003/0219956A1      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>16:39 |
| S80 | 2      | 2003/0219956        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/04<br>16:43 |
| S81 | 2      | ("5770513").PN.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04<br>16:43 |
| S82 | 493    | (257/209).CCLS.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/05<br>11:45 |
| S83 | 45     | (257/902).CCLS.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/05<br>11:50 |

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| S84 | 509      | (257/308).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/05<br>13:20 |
| S85 | 945      | (257/728).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/05<br>13:20 |
| S86 | 0        | (interconnect or via or through) with (dielectric or insulator) and (vertical capacitor near motherboard)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/05<br>16:05 |
| S87 | 49709    | (interconnect or via or through) with (dielectric or insulator) and (vertical capacitor with motherboard)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/05<br>16:15 |
| S88 | 10777826 | (trench capacitors) with via or through hole and (motherboard)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/05<br>16:08 |
| S89 | 10747766 | (trench with capacitors) with via or through hole and (motherboard)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/05<br>16:08 |
| S92 | 49709    | (interconnect or via or through) with (dielectric or insulator) and (vertical capacitor with motherboard)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/05<br>16:15 |
| S93 | 8        | ("5256588"   "5442584"   "5525531"   "5698878"   "5731941"   "5792680"   "5805494").PN. OR ("6278149").URPN. | US-PGPUB;<br>USPAT; USOCR  | OR   | ON | 2007/09/05<br>16:37 |
| S94 | 13       | ("4918502"   "5293347"   "5377151"   "5432365").PN. OR ("5698878").URPN.                                     | US-PGPUB;<br>USPAT; USOCR  | OR   | ON | 2007/09/05<br>16:39 |



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|------|----|--|--|----|-----|---------------------|
| S95  | 34 | ("4763179"   "4801988"  <br>"4816884"   "4830978"  <br>"4830981"   "4833516"  <br>"4853348"   "4942554"  <br>"4953125"   "4988637"  <br>"5034787"   "5065273"  <br>"5107459"   "5177576"  <br>"5216266"   "5250831"  <br>"5316962"   "5336912"  <br>"5372966"   "5395770"  <br>"5462767"   "5519236"  <br>"5521115"   "5563085"  <br>"5576566"   "5606188"  <br>"5675176"   "5698878"  <br>"5843820"   "5930107"  <br>"6236079").PN. OR<br>("6720606").URPN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/05<br>16:42 |
| S96  | 12 | ("20020070403"  <br>"20020088989"  <br>"20020094615"  <br>"4970689"   "5001526"  <br>"5177576"   "5293053"  <br>"5519236"   "5770875"  <br>"6037210"   "6355954"  <br>"6720606").PN. OR<br>("7023041").URPN.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/05<br>16:49 |
| S97  | 8  | ("4922313"   "4999689"  <br>"5041887"   "5105245"  <br>"5216265").PN. OR<br>("5861649").URPN.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/05<br>16:50 |
| S98  | 21 | ("4922313").URPN.  | USPAT  | OR | ON  | 2007/09/05<br>16:51 |
| S99  | 31 | ("5512767").URPN.  | USPAT  | OR | ON  | 2007/09/05<br>16:57 |
| S100 | 2  | ("6791133").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/05<br>16:57 |
| S101 | 43 | ("4688063"   "4794434"  <br>"4801988"   "4829017"  <br>"4873560"   "4912054"  <br>"4918502"   "4944682"  <br>"5348905"   "5362663").<br>PN. OR ("5521115").URPN.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/06<br>07:33 |

|      |        |  |  |    |     |                     |
|------|--------|--|--|----|-----|---------------------|
| S102 | 67     | ("3961355"   "4003036"  <br>"4017885"   "4105475"  <br>"4115795"   "4116720"  <br>"4164751"   "4199772"  <br>"4225945"   "4252579"  <br>"4262296"   "4319342"  <br>"4327476"   "4353086"  <br>"4364074"   "4369564"  <br>"4397075"   "4412237"  <br>"4432006"   "4434433"  <br>"4462040"   "4472240"  <br>"4476623"   "4536785"  <br>"4568958"   "4630088"  <br>"4636281"   "4649625"  <br>"4650544"   "4651184"  <br>"4670768"   "4672410"  <br>"4673962"   "4683486"  <br>"4702795"   "4704368"  <br>"4717942"   "4751557"  <br>"4751558").PN. OR<br>("4829017").URPN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/06<br>07:52 |
| S103 | 40     | ("3787822").PN. OR<br>("4003036").URPN.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/06<br>08:10 |
| S104 | 946460 | (vertical interconnect) with<br>through hole and (planar<br>capacitor)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/06<br>08:13 |
| S105 | 1      | ("2001/0005046").URPN.   | USPAT  | OR | ON  | 2007/09/06<br>11:35 |
| S106 | 1      | (09/753735).APP.   | USPAT; USOCR   | OR | ON  | 2007/09/06<br>11:37 |
| S107 | 0      | (10/560717).APP.   | USPAT; USOCR   | OR | ON  | 2007/09/06<br>11:47 |
| S108 | 1      | (10/128363).APP.   | USPAT; USOCR   | OR | ON  | 2007/09/06<br>11:55 |
| S109 | 2      | ("5770513").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/06<br>16:42 |
| S110 | 6      | ((("5378926") or<br>("6559004") or<br>("5343071"))).PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/10<br>08:00 |
| S111 | 9      | ((("5378926") or<br>("6559004") or<br>("5343071") or<br>("6617681"))).PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/06<br>16:58 |

|      |       |  |  |    |     |                     |
|------|-------|--|--|----|-----|---------------------|
| S112 | 8     | ((("5378926") or<br>("6559004") or<br>("5343071") or<br>("7030481")).PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/10<br>10:31 |
| S113 | 12    | ("5811868"   "6221769"  <br>"6418029"   "6502231"  <br>"6638077"   "6642080"  <br>"6645851"   "6653676"  <br>"6665194"   "6669489"  <br>"6723600"   "6781219").<br>PN. OR ("7030481").URPN.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/10<br>08:26 |
| S114 | 10    | ((("5378926") or<br>("6559004") or<br>("5343071") or<br>("7030481") or<br>("6391770")).PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/10<br>10:35 |
| S115 | 59591 | (cylindrical or cylinder)<br>near3 (via or interconnect)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/10<br>10:36 |
| S116 | 556   | (cylindrical or cylinder)<br>near3 (via or interconnect)<br>with (semiconductor or die<br>or dice)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/10<br>10:37 |
| S117 | 23    | "6225221"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/14<br>13:43 |
| S118 | 35    | ("4792378"   "4825809"  <br>"4948623"   "4970093"  <br>"5082542"   "5085731"  <br>"5098516"   "5112448"  <br>"5231751"   "5268034"  <br>"5312509"   "5354712"  <br>"5453124"   "5464656"  <br>"5595606"   "5624498"  <br>"5674787"   "5677244"  <br>"5723028"   "5730801"  <br>"5736191"   "5763953"  <br>"5789321"   "5843516"  <br>"5852088"   "5866237"  <br>"5891348"   "5891513"  <br>"5916359"   "5948467"  <br>"6015917"   "6071809"  <br>"6126806"   "6130161"  <br>"6225221").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | ON  | 2007/09/14<br>07:40 |
| S119 | 2     | ("6268619").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/14<br>08:25 |

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|------|------|---------------------|--|----|-----|---------------------|
| S120 | 2    | ("0596634").PN.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/14<br>13:24 |
| S121 | 2    | ("6432811").PN.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/14<br>13:43 |
| S122 | 1101 | (257/E27.092).CCLS. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>08:50 |

8/ 11/ 2008 2:21:12 PM

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